

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006301**Date Inspected:** 11-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG COMPONENT				

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Sandeep Kumar was present during the times noted above for observations relative to the work being performed.

Bay 02

Magnetic Particle Testing

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The members are identified as OBG Components. The weld designations reviewed are as follows:

FB005 – 041 – 01; 03; 04; 16; 17; 21 and Green Tag # 006244

FB004 – 037 – 01; 03; 04; 16; 17; 21 and Green Tag # 006243

FB005 – 038 – 01; 03; 04; 16; 17; 21 and Green Tag # 006242

FB005 – 037 – 01; 03; 04; 16; 17; 21 and Green Tag # 006213

Bay 03

Magnetic Particle Testing

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The members are identified as

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OBG Components. The weld designations reviewed are as follows:

FB003 – 148 – 02; 03; 04; 05; 59; 62; 102 and Green Tag # 006232

FB003 – 132 – 02; 03; 04; 05; 60; 61; 100 and Green Tag # 006233

FB003 – 143 – 02; 03; 04; 05; 61; 99; 102 and Green Tag # 006234

FB003 – 140 – 02; 03; 04; 05; 60; 62; 101 and Green Tag # 006235

FB003 – 149 – 02; 03; 04; 05; 59; 60; 100 and Green Tag # 006236

FB003 – 151 – 02; 03; 04; 05; 60; 61; 102 and Green Tag # 006237

FB003 – 142 – 02; 03; 04; 05; 62; 100; 101 and Green Tag # 006238

FB003 – 157 – 02; 03; 04; 05; 60; 61; 102 and Green Tag # 006239

FB003 – 135 – 02; 03; 04; 05; 59; 60; 99; 100 and Green Tag # 006240

FB003 – 156 – 02; 03; 04; 05; 99; 101; 102 and Green Tag # 006241

Bay 05

Magnetic Particle Testing

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The members are identified as Bike Path Components. The weld designations reviewed are as follows:

BK002 – 001 – 35; 42; 63; 66

BK003 – 001 – 35; 42; 63; 66

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang - 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Sandeep	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
